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TITLE: BLACK ARTIFICIAL LEATHER HAVING GRAIN FACE LAYER AND
GIVING LITTLE STUFFY FEELING

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a black artificial leather having a grain face, wearable with little stuffy feeling and having softness and moderate stretchability by forming a resin layer containing an infrared-reflecting black pigment on a surface of an ultrafine fiber sheet.

SOLUTION: A card web of conjugate fibers capable of generating ultrafine fibers and composed of polyethylene and 6-nylon containing 0.1-5wt.% of carbon black is needle-punched to form a fiberinterlocked nonwoven cloth, impregnated with a dimethylformamide solution of a polyurethane resin and subjected to coagulation and washing with water to obtain a black sheet substrate. Separately, a

polyurethane resin incorporated with $\geq 2\%$ perylene black pigment reflecting infrared rays is applied to a releasing paper, the coated paper is laminated to the black sheet, bonded and dried and the releasing paper is peeled off to obtain the objective black artificial leather having a grain face and composed of a resin layer of $\geq 20\mu\text{m}$ thick laminated on the sheet.

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